

# Caldwell Laboratory

Herrick Archives Building 026

## A. IDENTIFICATION & LOCATION

### 1. Name

1.1 Officially named "Caldwell Laboratory" by Board of Trustees on September 1, 1958.

1.2 Alternate names noted:

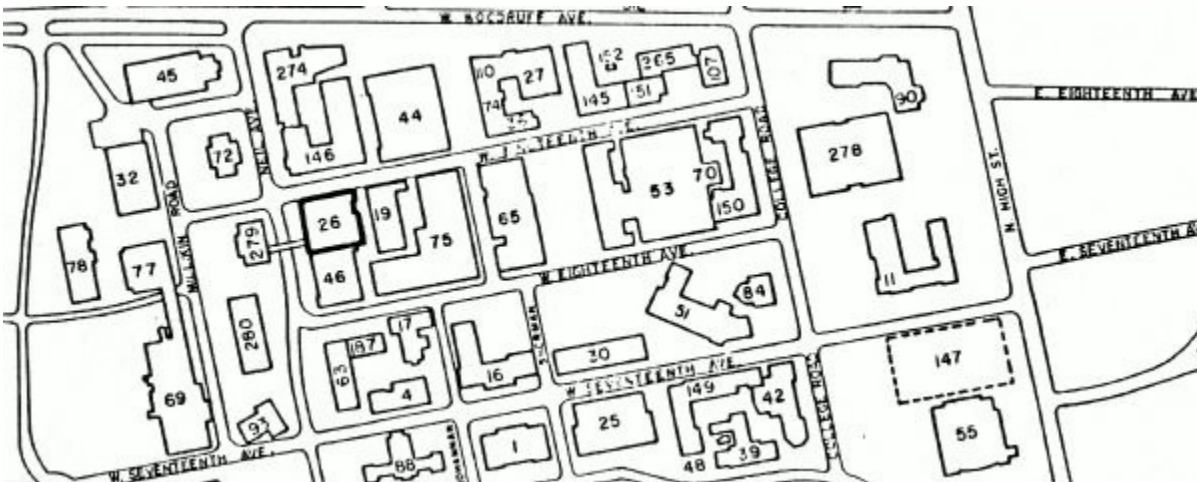
Electrical Engineering Building  
Electrical Engineering Research Facility

### 2. Location

2.1 Located at 2024 Neil Avenue. See map below.

2.2 For greater detail, see Sheet 83 in the book of campus maps in the University Archives .

See Addendum No. 2.



For identification of other buildings shown, see Appendix A.

### 3. General Description

3.1 Type of construction:

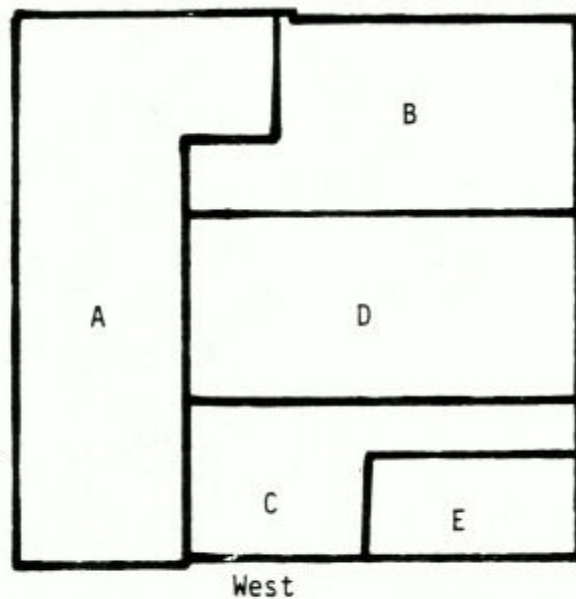
Reinforced concrete and steel frame with brick exterior.

3.2 No. of stories:

Basement and 4 stories

3.3 Increments of construction:

Enlarged twice. Also part of this building was originally constructed as part of Journalism (Building 026). See sketch.



Original building: All floors of A

1st Addition : All of B, penthouse on top of north-east corner of B, first two floors of C, temporary penthouse on top of north-east corner of C, and basement of D.

2nd Addition: 3rd floor of C, remainder of D, including another penthouse in center of roof, and 3rd floor of E. (Note: first two floors of E were built as part of Journalism Building. See Report for Building 046).

3.4 Present area of building as shown in inventory records of Division of Campus Planning:

101,976 sq. ft. gross;

64,633 sq. ft. net assignable

3.5 Volume of building:

1,202,221 cu. ft. (PP)

## B. PLANNING & CONSTRUCTION - ORIGINAL BUILDING

1. On February 14, 1949 the Board of Trustees approved the plans and related documents prepared by Sims, Cornelius, and Schooley and authorized the solicitation of bids by contractors.
2. Bids were received on April 12, 1949 (T).
3. On May 9, 1949 the Board of Trustees awarded contracts to the following contractors:

General: Huber, Hunt and Nichols Electrical: Lawrence Electric Co.

Heating, ventilating and air condition: T.J. Conner, Inc.

Plumbing: The National Co.

Elevators: Westinghouse Electric Corp. Tunnel: J. Skilken

Tunnel service lines: Lieb-Jackson Co.

Tunnel electrical work: Harlan Electrical Construction Co.

Power center: Wagner-Smith

4. On December 12, 1949 the Board of Trustees released T.J. Conner, Inc. from their contract. because of a death in the firm, and agreed to assignment of the work to B. & J. Jacobs Co., Inc.

5. Completion and occupancy:

The Board of Trustees on July 7, 1950 extended the completion time of all contracts to September 22, 1950. No other record of completion date has been found. except that the annual report for

1949-50 (R49-50:34) indicated that this building "in mid-1950 was being readied for occupancy in the Autumn."

### **C. PLANNING & CONSTRUCTION - FIRST ADDITION**

Note: This addition was combined with the Civil and Aeronautical Engineering Building (146) for bidding and construction. Items 1.2. and 3 below are taken from the report for Building 146.

1. On December 6, 1957 the Board of Trustees approved the plans and related documents prepared by Bellman, Gillett and Richards and authorized the solicitation of bids by contractors.

2. Bids were received on January 31, 1958 (T).

3. On February 7, 1958 the Board of Trustees awarded contracts to the following contractors:

General: Knowlton Construction Co.

Electrical: Moore Electric Co.

Heating and ventilating: Conditioned Air, Inc. Plumbing: Limbach Co.

4. Completion and occupancy:

4.1 Seven classrooms were released for use on September 25, 1959 (PP).

4.2 Presumably the remainder of the space was released along the Building 146 on September 7, 1960 (P).

The inspection leading to the release on January 7 was made on December 18, 1959 (P), which points to December 1959 as the time of substantial completion.

### **D. PLANNING & CONSTRUCTION - SECOND ADDITION**

1. On July 17, 1964 the Board of Trustees approved the plans and related documents prepared by Tully & Hobbs and authorized the solicitation of bids by contractors.

2. Bids were received on October 1, 1964 (T).

3. On October 9, 1964 the Board of Trustees awarded contracts to the following contractors:

General: D.E. Gardner Co. Electrical: Mid-City Electric Co.

Heating, ventilating and air conditioning: Limbach Co.

Plumbing: Roland A. Esswein and Sons

Laboratory equipment: Hamilton Manufacturing Co.

4. Completion and occupancy:

Released for occupancy on August 18, 1965 (P).

### **E. COST**

Listed at \$1,337,673.55 as of June 30, 1971 (8).

### **F. PHOTOGRAPHS**

1. In Photoarchives:

Original building:

X 7746

X 7747

X 7473

After 1st Addition: X 7748

After 2nd Addition: X 22734

## 2. Other

Original building: M 50:11 (October 1958) R 49-50:34

John H. Herrick

August 16, 1976

## ADDENDUM NO. 1

Campus Planning records now show the net assignable area of this building as 64,688 square feet.

John H. Herrick

February 7, 1985

## ADDENDUM NO. 2

This building is now carried in Campus Planning records as Frank C. Caldwell Laboratory. The official name remains "Caldwell Laboratory."

John H. Herrick

August 26, 1986